No.



9300252

THE CONTRES OF AMERICA

Hioneer Hi-Bred International, Inc.

Therens, there has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR PORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT OR BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'9342'

In Testimonn Morreot, I have hereunto set my hand and caused the seal of the Monte Anciety Acotection Office to be affixed at the City of Washington, D.C. this twenty-ninth day of Soptomber in the year of our Lord one thousand nine hundred and ninety-five.

Aus

Marsha A. Struku

Commissioner
Plant Variety Protection Office

Fourtary of Syriculture

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, Clearance Office, OIRM, Room 404-W, Washington, D.C. 20250; and to the Office of Management and Budget, Paperwork Reduction Project (OMB #0581-0055), Washington, 20250.

FORM APPROVED: OMB 0581-0055, Expires 1/31/91

U.S. DEPARTMENT OF AGRICULT AGRICULTURAL MARKETING SER		pplication is required in order to							
APPLICATION FOR PLANT VARIETY PR	in ce	determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).							
NAME OF APPLICANT(S) (as it is to appear on the Certificate)	2. TEMPORARY DESIGNATION OF THE STREET THE S	VATION OR 3.	3. VARIETY NAME 9342						
Pioneer Hi-Bred International, In	EXPERIMENTAL NO.								
4. ADDRESS (street and no. or R.F.D. no., city, state, and ZIP)	· · · · · · · · · · · · · · · · · · ·	5. PHONE (Include area	code)	FOR OFFICIAL USE ONLY					
700 Capital Square			PV	PO NUMBER					
400 Locust		(515) 270-3	3582	9300252					
Des Moines, IA 50309		(,	<u></u>						
				Date 1 1 1002					
GENUS AND SPECIES NAME 7. FAM	MLY NAME (Botania	cal)		June 22, 1993					
Glycine max L	eguminos	ae:		N G					
8. CROP KIND NAME (Common Name)		DATE OF DETERMINATION		F Filing and Examination Fee:					
Soybean		October 199	0	\$ 2325, <u>a</u> o					
10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION				S Date					
	tourporation, pan	nersmp, association, etc.)	1 1	R Christicate Fee:					
Corporation				E \$300 00					
11. IF INCORPORATED, GIVE STATE OF INCORPORATION	12. DA	TE OF INCORPORATION		V Date					
Iowa		1926	, ,	Jert. 5, 1995					
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE I			_						
John Grace		Roth (copy		0 * 0.					
7301 NW 62nd Ave., P.O. Box 85				O Locust Street					
Johnston, IA 50131-0085	Des	Moines, IA							
14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow INSTE	RUCTIONS on rever		lude area code):	-					
a. X Exhibit A Origin and Breeding History of the Variety.		•	·'						
b. X Exhibit B, Novelty Statement.		•							
c. X Exhibit C, Objective Description of Variety.									
d. X Exhibit D, Additional Description of Variety. Exhibit E, Statement of the Basis of Applicant's Ownership.				•					
	mailed to Dlant 1	Isriaty Brotaction Office	6/11/0	13					
t. X Seed Sample (2,500 viable untreated seeds). Date Seed Sample mailed to Plant Variety Protection Office 6/11/93. g. X Filing and Examination Fee (\$2,150) made payable to "Treasurer of the United States."									
15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VA			ED SEED? (See se	ction 83(a) of the Plant Variety					
YES (If "YES." answer items 16 and 17 below)	X NO (# "A	O," skip to item 18 below)		,					
16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?	17. IF "YES" T	DITEM 16, WHICH CLASSI	S OF PRODUCTION	N BEYOND BREEDER SEED?					
YES NO	FOL	INDATION	REGISTERE	D CERTIFIED					
18. DID THE APPLICANT(S) PREVIOUSLY FILE FOR PROTECTION OF THE VARIETY IN	TUELLOS			<u> </u>					
^ — —	THE U.S. ?								
	itent Act. Give da	le:)		4					
X NO									
19. HAS THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETE	D IN THE U.S. OR (THER COUNTRIES?							
YES (If "YES," give names of countries and dates)		•							
NO NO		•		·					
20. The applicant(s) declare(s) that a viable sample of basic seeds of the request in accordance with such regulations as may be applicable.	his variety will	be furnished with th	e application a	nd will be replenished upon					
The undersigned applicant(s) is (are) the owner(s) of this sexual	ly reproduced	novel plant variety,	and believe(s)	that the variety is distinct,					
uniform, and stable as required in section 41, and is entitled to pro	tection under t	ne provisions of sectio	n 42 of the Plar	nt Variety Protection Act.					
Applicant(s) is (are) informed that false representation herein can	<u> </u>		nalties.						
SIGNATURE OF APPLICANT [Owner(s)]	CAPACITY OR		DATE						
N/I/ Sa un	Soybea	n Research	Manager	6/1/92					
SIGNATURE OF APPLICANT (Owner(s))	CAPACITY OR	TITLE		DATE					
•	1			i e					

Attachment: 9342 Soybean (March, 1993)

Exhibit A: Variety 9342 evolved from a second backcross of variety 9341 using the variety Resnik as a donor parent. It is an F3 derived variety which was advanced to the F4 generation by modified bulk descent. The F5 progeny row of 9342 was grown in Iowa during the summer of 1990. Subsequently, 9342 has undergone two years of extensive testing and purification and has been observed by the breeder to be uniform and stable for all plant traits from generation to generation, with no evidence of variants.

The breeder seed purification block of 9342 was produced during the summer 1991 and 242 sublines were bulked for increase. Six acres of 9342(breeders seed) were grown in Chile during the winter of 1991. 156 acres of parent seedstock (foundation seed equivalent)were grown during the summer of 1992.

9342 Soybean (March, 1993)

Exhibit B: Variety 9342 is most similar to variety 9341. Both varieties have white flowers, tawny pubescence and yellow seeds with brown hila. However, 9341 is susceptible to Phytophthora megasperma var. sojae whereas 9342 is resistant to this disease.

EXHIBIT C (Soybean)

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE LIVESTOCK, MEAT, GRAIN & SEED DIVISION PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MARYLAND 20705

OBJECTIVE DESCRIPTION OF VARIETY SOYBEAN (Glycine max L.)

	AN (Glycine max L.)
NAME OF APPLICANT(S)	TEMPORARY DESIGNATION VARIETY NAME
Pioneer Hi-Bred International, Inc.	9342
ADDRESS (Street and No., or R.F.D. No., City, State, and Zip Cod	(e) FOR OFFICIAL USE ONLY
700 Capital Square 400 Locust Street	PVPO NUMBER
Des Moines, IA 50309	9300252
Choose the appropriate response which characterizes the von	iety in the features described below. When the number of significant digit
, and woulder of poyer browning	place a zero in the first box when number is 9 or less (e.g., 0 9). 1ate soybean variety description. Other characters should be described
1. SEED SHAPE:	
$ \begin{array}{cccc} & \bigoplus & \bigoplus \\ & \mathbf{r} & \mathbf{v} \end{array} $	T
1 = Spherical (L/W, L/T, and T/W ratios = < 1.2) 3 = Elongate (L/T ratio > 1.2; T/W = < 1.2)	2 = Spherical Flattened (L/W ratio > 1.2; L/T ratio = < 1.2) 4 = Elongate Flattened (L/T ratio > 1.2; T/W > 1.2)
2. SEED COAT COLOR: (Mature Seed)	
1 = Yellow 2 = Green 3 = Brown	4 = 8lack 5 = Other (Specify)
3. SEED COAT LUSTER: (Mature Hand Shelled Seed)	
2 1 = Dull ('Corsoy 79'; 'Braxton') 2 = Shiny ('Nebsoy	r'; 'Gasoy 17')
4 0550 0075 (1)	
4. SEED SIZE: (Mature Seed)	
1 5 Grams per 100 seeds	
5. HILUM COLOR: (Mature Seed)	
3 1= Ruff 27 Valley	= Gray 5 = Imperfect Black 6 = Black 7 = Other (Specify)
6. COTYLEDON COLOR: (Mature Seed)	
1 = Yellow 2 = Green	
7. SEED PROTEIN PEROXIDASE ACTIVITY:	
2 1 = Low 2 = High	
3. SEED PROTEIN ELECTROPHORETIC BAND:	
1 = Type A (SP1 ^a) 2 = Type B (SP1 ^b)	•-
. HYPOCOTYL COLOR:	
	pronze band below cotyledons ('Woodworth'; 'Tracy') Oker Hampton 266A')
. LEAFLET SHAPE:	
3 1 = Lanceolate 2 = Oval 3 = Ovate	4 = Other (Specify)
	/

FORM LMGS-470-57 (6-83) (Edition of 2-82 is obsolete)

11	. LEAF	LET SIZE:	•					
	2	1 = Small ('Amsoy 71'; 'A5312') 3 = Large ('Crawford'; 'Tracy')	2 = Mediu	m (*Corsoy '	79'; 'Gasoy 17')			
12	. LEAF	COLOR:						
	2	1 = Light Green ('Weber'; 'York') 3 = Dark Green ('Gnome'; 'Tracy')	· 2 = Mediui	m Green (°C	orsoy 79'; '8rax	ton')		
★ 13	FLOW	ER COLOR:		·· ·· · · · · · · · · · · · · · · · ·			 	
	1	1 ≈ White 2 = Purple	3 = White with	h purple thre	oat			
* 14	. POD C	OLOR:						
	1	1 = Tan 2 = 8rown	3 ≈ Black					
★ 15.	PLANT	PUBESCENCE COLOR:						
	2	1 = Gray 2 = Brown (Tawny)						
16.	PLANT	TYPES:				-		
	2	1 = Slender ('Essex'; 'Amsoy 71') 3 = Bushy ('Gnome'; 'Govan')	2 = Interme	ediate (*Ami	cor'; 'Braxton')	•		
★ 17.	PLANT	НАВІТ:						
	3	1 = Determinate ('Gnome'; 'Braxton') 3 = Indeterminate ('Nebsoy'; 'Improved Peli	2 = Semi-D ican')	eterminate (('Will')			
	MATILI	PITY CROVE	-					
★ 18.	MATUR	RITY GROUP:	3		- 			
★ 18.	MATUF	RITY GROUP: 1 = 000	4 = I 12 = IX	5 = II 13 = X	6 = III	7 ≃ [V	8 = V	
	0 6	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII	12 = IX	13 = X	6 = III	7 ≃ IV	8 = V	
	DISEAS	1 = 000	12 = IX	13 = X	6 = III	7 = IV	8 = V	
★ 19.	DISEAS BACT	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII	12 = IX	13 = X	6 = III	7 = IV	8 = V	
	DISEAS	1 = 000	12 = IX Susceptible; 2 = Res	13 = X	6 = III	7 = IV	8 = V	
★ 19.	DISEAS BACT	1 = 000	12 = IX Susceptible; 2 = Res	13 = X	6 = III	7 = IV	8 = V	
★ 19. ★ .	DISEAS BACT 0	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII SE REACTION: (Enter 0 = Not Tested; 1 = S ERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli val	12 = IX Susceptible; 2 = Res	13 = X	6 = III	7 = IV	8 = V	
★ 19. ★	DISEAS BACT 0	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII SE REACTION: (Enter 0 = Not Tested; 1 = S ERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli vai Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci)	12 = IX Susceptible; 2 = Res	13 = X	6 = III	7 = IV	8 = V	
★ 19. ★ .	DISEAS BACT 0	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII SE REACTION: (Enter 0 = Not Tested; 1 = S ERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli vai Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci)	12 = IX Susceptible; 2 = Res	13 = X	6 = III	7 = IV	8 = V	
* 19. * * * *	DISEAS BACT 0	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII SE REACTION: (Enter 0 = Not Tested; 1 = S ERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli vai Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines)	12 = IX Susceptible; 2 = Res	13 = X	6 = III	7 = IV	8 = V	
★ 19. ★ ★ ★ ★ ★	DISEAS BACT 0	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII SE REACTION: (Enter 0 = Not Tested; 1 = S ERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli vai Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci)	12 = IX Susceptible; 2 = Res	13 = X	6 = III	7 ≃ IV	8 = V	
* 19. * * * *	DISEAS BACT 0 FUNGA 1	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII SE REACTION: (Enter 0 = Not Tested; 1 = S ERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli vai Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) Race 1 0 Race 2 0 Rac	12 = IX Busceptible; 2 = Res	13 = X	6 = III 0 Race 5		8 = V (Specify)	
★ 19. ★ ★ ★ ★ ★	DISEAS BACT 0 1 FUNGA	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII SE REACTION: (Enter 0 = Not Tested; 1 = S ERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli vai Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina)	12 = IX Busceptible; 2 = Res	13 = X				
★ 19. ★ ★ ★ ★ ★	DISEAS BACT 0 FUNGA 1	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII SE REACTION: (Enter 0 = Not Tested; 1 = S ERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli vai Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) Race 1 0 Race 2 0 Rac	tiusceptible; 2 = Res	13 = X				
★ 19. ★ ★ ★ ★ ★	DISEAS BACT 0 1 0 FUNGA 0	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII SE REACTION: (Enter 0 = Not Tested; 1 = S ERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli val Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) Race 1 0 Race 2 0 Rac Target Spot (Corynespora cassiicola)	tiusceptible; 2 = Res	13 = X				
★ 19. ★ ★ ★ ★ ★	DISEAS BACT 0 1 0 FUNGA 0 0	1 = 000 2 = 00 3 = 0 9 = VI 10 = VII 11 = VIII SE REACTION: (Enter 0 = Not Tested; 1 = S ERIAL DISEASES: Bacterial Pustule (Xanthomonas phaseoli val Bacterial Blight (Pseudomonas glycinea) Wildfire (Pseudomonas tabaci) AL DISEASES: Brown Spot (Septoria glycines) Frogeye Leaf Spot (Cercospora sojina) Race 1 0 Race 2 0 Rac Target Spot (Corynespora cassiicola) Downy Mildew (Peronospora trifoliorum var	tusceptible; 2 = Res	13 = X				

19. DISEASE REACTIO	ON: (Enter 0 = Not Tested; 1 = Susceptible; 2	Positional (October 1)	7300232
FUNGAL DISEAS		resistant) (Continued)	
★ 1 Pod and Ste	em Blight <i>(Diaporthe phaseolorum</i> var; sojae)		
	Stain (Cercospora kikuchii)		
1 Rhizoctonia	a Root Rot (Rhizoctonia solani)		·
Phytophtho	ara Rot (Phytophthora megasperma var. sojae)		
★ 2 Race 1	2 Race 2 2 Race 3 2	Race 4 2 Race 5	0 Race 6 2 Race 7
2 Race 8	2 Race 9 Other (Specify)		tious /
VIRAL DISEASES	S:		
Bud Blight (Tobacco Ringspot Virus)		
1 Yellow Mosa	zic (Bean Yellow Mosaic Virus)	~	
★ 1 Cowpea Mos	aic (Cowpea Chlorotic Virus)		
Pod Mottle (Bean Pod Mottle Virus)	. 1	
★ 1 Seed Mottle	(Soybean Mosaic Virus)		
NEMATODE DISE	ASES:		
Soybean Cys	t Nematode (Heterodera glycines)		•
★ 0 Race 1	0 Race 2 1 Race 3 0	Race 4 Other (S	oecify)
0 Lance Nemai	tode (Hoplolaimus Colombus)		
★ 0 Southern Ro	ot Knot Nematode (Meloidogyne incognita)		•
★ 0 Northern Ro	ot Knot Nematode (Meloidogyne Hapla)	·	
0 Peanut Root	Knot Nematode (Meloidogyne arenaria)		•
0 Reniform Ne	matode (Rotylenchulus reniformis)		
OTHER DISE	EASE NOT ON FORM (Specify):		
20 PHYSIOLOGICAL RE	SPONSES. IF		
→ _	SPONSES: (Enter 0 = Not Tested; 1 = Susception Calcareous Soil	tible; 2 ≈ Resistant)	
	y)		
	(Enter 0 = Not Tested; 1 = Susceptible; 2 = Re	esistant)	
	Beetle (Epilachna varivestis)		
	opper (Empoasca fabae)		
	RIETY MOST CLOSELY RESEMBLES THA	T SUBMITTED.	
CHARACTER Plant Shape	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Leaf Shape	9341 9341	Seed Coat Luster	9341 9341
Leaf Color	9341	Seed Size	
Leaf Size	9341	Seed Shape Seedling Pigmentation	9341 9341
		y - ranionation	7012

FORM LMGS-470-57 (6-83)

23. GIVE DATA FOR SUBMITTED AND SIMILAR STANDARD VARIETY: Paired Comparison Data

VARIETY	NO. OF DAYS MATURITY	PLANT LODGING SCORE	CM PLANT HEIGHT	LEAFLET SIZE		SEED CONTENT		SEED SIZE G/100	NO.
				CM Width	CM Length	% Protein	% Oil	SEEDS	SEEDS/ POD
9342 Submitted	125	1.8	91			42.9	20.2	15.0	
9341 Name of Similar Variety	126	1.8	91			42.5	20.5	15.0	

PUBLICATIONS USEFUL AS REFERENCE AIDS FOR COMPLETING THIS FORM:

- 1. Caldwell, B.E., ed. 1973. Soybeans: Improvement, Production, and Uses. Amer. Soc. Agron. Monograph No. 16.
- 2. Buttery, B.R. and R.I. Buzzell. 1968. Peroxidase activity in seeds of soybean varieties. Crop Sci., 8: 722-725.
- 3. Hymowitz, T. 1973. Electrophoretic analysis of SBTI-A2 in the USDA soybean germplasm collection. Crop Sci., 13: 420-421.
- 4. Payne, R.C. and L.F., Morris. 1976. Differentiation of soybean cultivars by seedling pigmentation patterns. J. Seed Technol. 1: 1-19.

9342 Soybean (March, 1993)

Exhibit D: In Exhibit C we have identified 9342 as susceptible to bacterial blight, brown spot, pod and stem blight, rhizoctonia root rot, bud blight, yellow mosaic, cowpea mosaic, pod mottle, seed mottle, and iron chlorosis. This does not mean that 9342 is any worse for these problems than other varieties of similar maturity. Rather, we do not consider 9342 to be immune to them. Therefore, we have chosen to be conservative and have identified the line as 'susceptible'.

Table 1. Isozyme information for 9342

ACO2	ACO3	ACO4	ACP	DIA	ENP	IDH1	<u>IDH2</u>	MDH	MPI	<u>PGM</u>	PHI
1	1	3	Α	В	A	2	1	В	А	1	1

9342 is a mid group III variety. If group III maturities are divided in tenths, the relative maturity for 9342 is 3.4.

Exhibit E: Variety 9342 was developed by Pioneer Hi-Bred International, Inc., for which it solicits a certificate of protection.

